The EZ Connect™ g 802.11g 54 Mbps Wireless PCI Card (SMCWPCI-G) is another cutting edge introduction in 2.4GHz wireless communication for your desktop computer. Designed for both business and home users, this new PCI adapter provides the speed, coverage, and security expected by today's wireless users. Based on the IEEE 802.11g standard, the new EZ Connect g Wireless PCI Card is up to 5 times faster than the widely used 802.11b wireless networking devices and is 100% compatible with existing 802.11b wireless networks. The SMCWPCI-G is extremely fast and can handle streaming video, multimedia and all other bandwidth-intensive applications. Wireless clients can now easily obtain instant, seamless high-speed network connections. The EZ Connect™ g Wireless PCI Card includes an EZ Installation Wizard that enables quick and easy setup. Simply put the EZ Installation Wizard CD into your CD-ROM drive, click on Install Driver/Utility link, the wizard will perform the installation automatically. Then plug in your EZ Connect g Wireless PCI Card into the desktop computer, you are now ready to enjoy the freedom of wireless networking.

The new SMCWPCI-G EZ Connect g Wireless PCI Card offers high-speed data rate at up to 54Mbps. This adapter provides a high level of security by supporting both 64/128-bit WEP encryption and the new Wi-Fi Protected Access (WPA). It also supports 802.1x for user authentication to ensure only authorized users can access the resources of the wireless network. Moreover, profile management software allows the new wireless notebook adapter the ability to save multiple wireless settings corresponding to different locations or networks. Furthermore, SMCWPCI-G has a built-in utility program for scanning all available Wireless Access Points on the network.

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<th>FEATURES</th>
<th>BENEFITS</th>
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<td>New Improved 54 Mbps 802.11g Performance; Interoperates with Wireless-B Products</td>
<td>Backward compatibility to existing 802.11b standard means that you can use the new Wireless Adapter at home, office and even at hotspots where the popular 2.4GHz wireless networks are deployed</td>
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<td>EZ Installation Wizard</td>
<td>EZ Installation Wizard ensures simple and easy setup of the new EZ Connect G Wireless Cardbus Adapter</td>
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<td>High data rates at up to 54 Mbps</td>
<td>High Performance 54Mbps is extremely fast and can handle streaming video, multimedia and all other band width-intensive applications</td>
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<td>64-bit and 128-bit Protected Access (WEP) encryption and Wi-Fi Protected Access (WPA) Security</td>
<td>Advanced security through 64/128-bit WEP encryption, Wi-Fi Protected Access (WPA) to authenticate appropriate personnel to access network resources</td>
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<td>Site survey utility</td>
<td>Profile management lets you create and save multiple profiles for different wireless network settings</td>
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<tr>
<td>Ability to define multiple Profile settings</td>
<td>Site survey utility scans for all available Access Points on the wireless network</td>
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TECHNICAL SPECIFICATIONS  

SMCWPCI-G

STANDARDS
- IEEE 802.11g, 802.11b

INTERFACE
- PCI v2.2 (5V/3.3V)

DATA RATE
- 1 / 2 / 5.5 / 11 Mbps
- 6 / 9 / 12 / 18 / 24 / 36 / 48 / 54 Mbps

OPERATING RANGE
- Outdoors up to 1.312ft / 400m
- Indoors up to 328ft / 100m

NETWORK CONFIGURATION
- Ad-Hoc (Peer to Peer)
- Infrastructure

MODULATION
- 16-QAM, 64-QAM, BPSK, QPSK, CCK

SECURITY
- 64-bit/128-bit Wired Equivalent Privacy (WEP)
- Wi-Fi Protected Access (WPA)
- Advanced Encryption Standard (AES)
- 802.1x authentication

OPERATING CHANNEL
- 11 channels (US, Canada)
- 13 channels (ETSI)
- 14 channels (Japan)
- 2 channels (Spain)
- 4 channels (France)

OUTPUT POWER
- 15 dBm max

SENSITIVITY
- 802.11b
  - 1Mbps: -86dBm
  - 2Mbps: -84dBm
  - 5.5Mbps: -82dBm
  - 11Mbps: -80dBm
- 802.11g
  - 6Mbps: -88dBm
  - 9Mbps: -87dBm
  - 12Mbps: -84dBm
  - 18Mbps: -82dBm
  - 24Mbps: -79dBm
  - 36Mbps: -75dBm
  - 48Mbps: -68dBm
  - 54Mbps: -68dBm

OPERATING SYSTEMS
- Windows 98SE/ME/2000/XP

ANTENNA GAIN
- 2.0 dBi peak

ANTENNA TYPE
- External SMA (detachable)

RADIO TECHNOLOGY
- Direct Sequence Spread Spectrum
- Orthogonal Frequency Division Multiplexing

DIMENSION
- 4.76in x 5.28in
- 121mm x 134mm

WEIGHT
- 85g / 0.19lbs

COMPLIANCE
- FCC part 15
- ETSI / CE-mark
- Industry Canada
- C-Tick

TEMPERATURE RANGE
- Operating: 0° to 55°C / 32° to 131°F
- Storage: -20° to 75°C / -4° to 167°F

HUMIDITY
- 5-90% non-condensing

Contact

North America
38 Tesla
Irvine, CA 92618
1-800-SMC-4YOU
24/7 Technical Support

Europe / Africa
Fructuos Gelabert 6-8
08970 Sant Joan Despí
Barcelona, Spain

Check www.smc.com for your local country contact information